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AIR200 Installation

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1. Introduction

The ISO reader module AIR200 is designed as an integrated reader head for the handheld computer Workabout PRO M/C by PSION TEKLOGIX. It combines the reading of ISO transponders with the Windows CE software of the PSION®-workabout PRO. Together with the external antenna AEA080 from Agrident, the reading of bolus or ear tags is much more convenient. The AIR200 is compatible to ISO 11784/5. It reads HDX and FDX-B transponders also as H4002 compatible transponders.

To install the AIR200 module in a Workabout PRO handheld, please follow the instructions below.

2. Specification

Module:	AIR200
Interface:	AAB10 adapter board
Coverage transponder:	HDX, FDX-B (ISO 11784/5), H4002
Reading distance:	up to 150 mm with FDX-B transponder Ø 30 mm up to 200 mm with HDX transponder Ø 30 mm
Dimension:	190 x 100 x 35 mm
Weight:	appr. 140 g
Handheld:	PSION TEKLOGIX Workabout PRO M/C only
External Antenna:	Agrident AEA080

3. Installation

3.1 Installation of the AIR200 reader



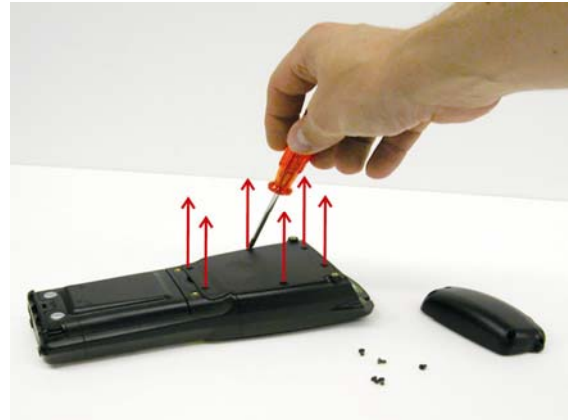
1. The AIR 200 mounting set consists of 2 screws with washer and an adapter board with 4 screws.



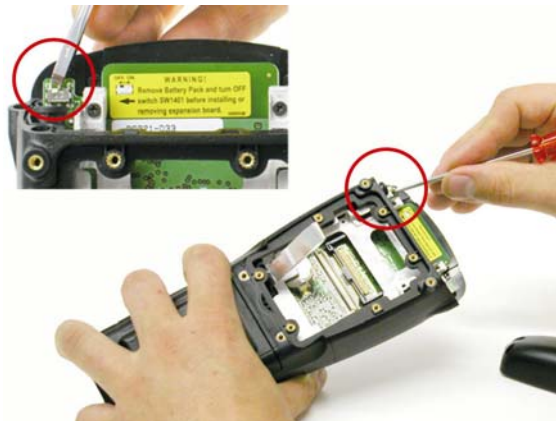
2. Remove the pen.



3. Pull out the 4 screws on top



4. and the 6 screws on the back.



5. Push the SW1401 switch in position OFF.



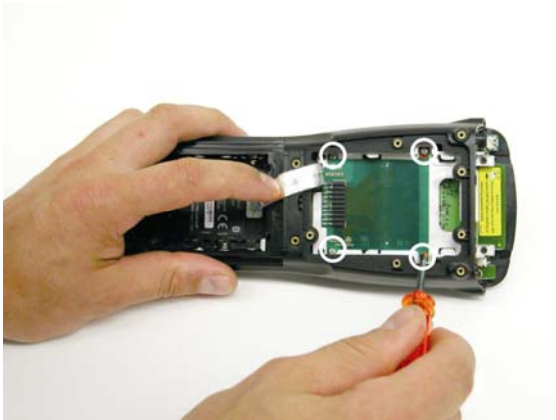
6. Remove the cover from the battery room by unlocking the screws.



7. Remove the battery.



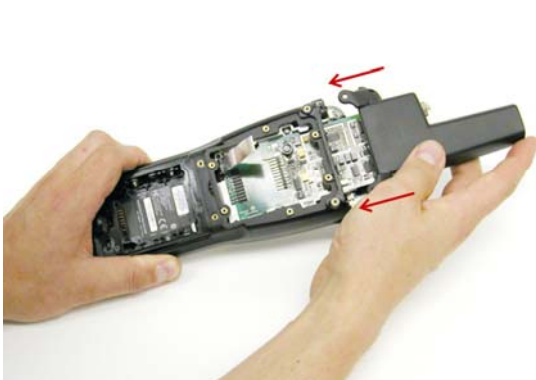
8. Put in the adapter board as shown above.



9. Fix the adapter board with the 4 added screws.



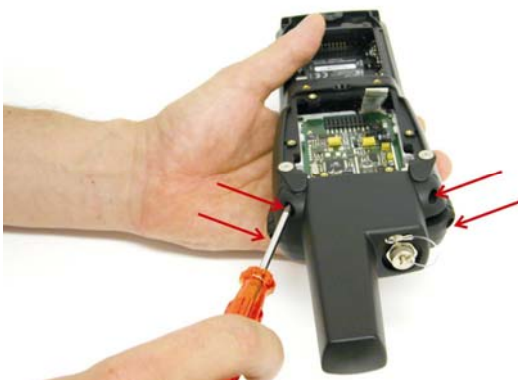
10. Push the SW1401 switch in position ON, again.



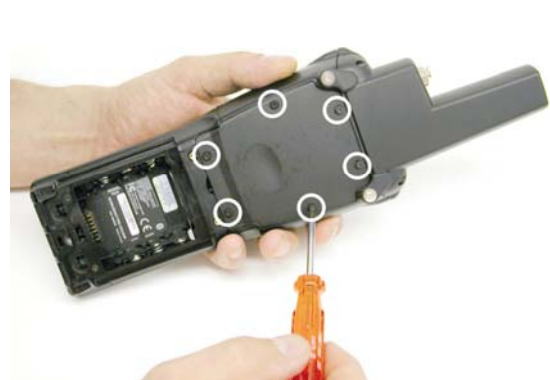
11. Now stick the AIR 200 reader to the Workabout PRO, as shown



12. and fix it with the 2 added washers and screws.



13. Fix the 4 screws on top.



14. Mount the back plate with the 6 screws.



15.
Put in the battery and close the battery room



16.
by bolting the cover with the screws.



17.
Push the pen back in its holder.



18.
Keep the Workabout's head cover, in case that you might need it.
Please follow the instructions of the protocol, before you start a read.

3.2 Installation of the AEA080 antenna



1. The stick antenna AEA080 can easily be fixed to the reader by a so called Binder plug.



2. Screw the silver cap off from the socket.



3. Put the Binder plug of the stick antenna in the socket of the AIR200 reader.



4. Pay attention to the groove.



5. Follow the instructions of your Workabout PRO, to start a read.

4. Safety and care

The manufacturer accepts no liability for damage resulting from improper use or use not consistent with that described in these operating instructions.

- The AIR accessories contain no parts that can be repaired by the user. For this reason it may only be repaired by authorised customer service personnel.
- In both operation and storage of the antenna please secure to comply with the environment conditions specified in the technical data.
- Clean the AIR accessories only with a damp cloth. Use only water and any commercially available cleaning agent.

Any modification to the AIR accessories will render the warranty null and void.

5. Warranty

The manufacturer of the AIR accessories will provide a warranty of

12 months

from the day the device is shipped and subject to the following conditions:

- a. Without submission of proof of purchase no warranty can be given.
- b. In the event that defects are detected the manufacturer is entitled to choose between up to two attempts at repair or supplying a replacement device on one occasion. The warranty period for the repaired item or for a replacement item is 3 months but will always extend to the end of the original warranty period. No further claims can be entertained, especially claims for compensation for consequential losses. This exclusion of liability does not apply to claims made on the basis of the Product Liability Act.
- c. Warranty claims cannot be entertained unless the Agrident system was installed properly and used properly and for the purpose intended.

No warranty obligations exist in particular when:

1. Damage is attributable to improper use of the device, to a incorrect connection or incorrect operator action;
2. The device was not cared for and maintained in accordance with the manufacturer's recommendations and this is the cause of the damage;
3. The damage is due to any modification to the device;
4. The damage is due to force majeure, for example, lightning strike;
5. The damage is due to wear resulting from overstressing mechanical parts.

6. FCC digital device limitations

Radio and Television Interference

This equipment has been tested and found to comply with the limits for a digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and television reception.

Caution! Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

7. CANADIAN RADIO EMISSIONS REQUIREMENTS

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

*

Industry Canada:

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This device has been designed to operate with the antennas listed below, and having a maximum gain of 1.8 dB. Antennas not included in this list or having a gain greater than 1.8 dB are strictly prohibited for use with this device. The required antenna impedance is 2.8 ohms.

- Stick Antenna AEA080
- Stick Antenna AEA120

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

8. CE MARKING

Hereby, Agrident BV declares that this equipment, if used according to the instructions, is in compliance with the essential requirements and other relevant provisions of the RTTE Directive 1999/5/EC. For use in all countries of the EU.

To obtain a copy, contact Agrident BV and request the “Declaration of Conformity” document for Multi-technology readers.

Agrident BV
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In case of alteration of the product, not agreed to by us, this declaration will lose its validity.

This symbol indicates proof of conformity to applicable European Economic Community Council directives and harmonized standards published in the official journal of the European Communities.

